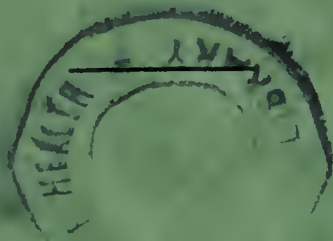


Llanelli Rural District Council



Annual Report

of the

Medical Officer of Health

for the

Year ending 31st December, 1965

Llanelli Mercury

1967

Llanelly Rural District Council

*With the
Compliments of the
Medical Officer of
Health*

*Public Health Department,
Castle Buildings,
Llanelly.*

Tel. 4491

Llanelli Rural District Council

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LLANELLI RURAL DISTRICT COUNCIL
PUBLIC HEALTH COMMITTEE

Councillor S. R. Davies (Chairman of the Health Committee).

- „ D. R. Edwards (Chairman of the Council).
- „ H. Hughes, B.A.
- „ A. Bowen.
- „ C. J. Treharne.
- „ J. G. Rodge.
- „ T. O. Jones, B.A., J.P.
- „ C. McLoughlin.
- „ V. Lewis.
- „ J. E. R. Alford.
- „ L. A. Davies.
- „ H. M. Edwards, B.Sc.

PUBLIC HEALTH STAFF

Medical Officer of Health :

E. H. B. HOPKINS, M.R.C.S., L.R.C.P., D.P.H

Chief Public Health Inspector and Inspector of Meat
and other Foods :

A. V. ROWLANDS, M.R.S.H., M.A.P.H.I., D.P.A.,
Associate Institute of Fuel.

Public Health Inspectors and Inspectors of Meat and other
Foods :

T. J. BIBBS.

S. L. MORRIS.

B. W. JAMES, M.R.S.H., M.A.P.H.I., A.M.N.Inst.E.

Chief Clerk.

W. O. G. RODERICK.

Clerks :

D. T. REES, M.R.I.P.H.H.

G. J. C. EVANS, F.C.B.I.

Rodent Officer :

T. L. SADLER.

Student Public Health Inspector :

ANEURIN JOHN.

Junior Clerk :

Mrs. R. JONES.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1965

To the Chairman and Members,

Llanelli Rural District Council.

Mr. Chairman and Gentlemen,

I beg to submit my Report for the year 1965 on the Health Administration of the Rural District.

In doing so, I would like to thank the Chairman, Councillors and Staff for their assistance and kindness during the year.

I am,

Your obedient Servant,

E. H. B. HOPKINS,

Medical Officer of Health.

Public Health Department,
Castle Buildings,
Llanelli.

SECTION A.

SUMMARY OF VITAL AND MORTAL STATISTICS
FOR YEAR 1965

Area of Rural District	.....	.....	.....	51,367 acres
Llanedy	.....	.....	.....	5,680 acres
Llanelli Rural	.....	.....	.....	15,060 acres
Llangennech	.....	.....	.....	2,396 acres
Llannon	.....	.....	.....	10,602 acres
Pembrey	.....	.....	.....	14,778 acres
Pontyberem	.....	.....	.....	2,851 acres
Population (1961 Census)	.....	.....	.....	40,301
Population (Registrar General's Estimated mid-year 1965)	.....	.....	.....	40,460
Density (persons per acre)	.....	.....	.....	1.27
Dwelling Houses in Rural District inhabited at end of 1965	.....	.....	.....	13,110
Average number of persons per dwelling	.....	.....	.....	3.09
Rateable Value (as at 1st April, 1965)	.....	.....	.....	£1,068,908
Product of Id. Rate (as at 31st March, 1965)	.....	.....	.....	£4,102 3s. 1d.

Deaths :

Males 258	Females 220	Total 478
Rate per 1,000 population		Crude Rate 11.81
		Adjusted Rate 14.29

Deaths (65 and over) :

Males 151	Females 159	Total 310
-----------	-------------	-----------

MOTHERS AND INFANTS :**Live Births :**

Males 338	Females 352	Total 690
Rate per 1,000 population		Crude Rate 17.05
		Adjusted Rate 17.57

Illegitimate Live Births :

Males 11	Females 15	Total 26
Illegitimate Live Births per cent. of total Live Births—3.78		

Still Births :

Males 6	Females 5	Total 11
Rate per 1,000 total live and still births—15.69		

Total Live and Still Births	701
-----------------------------	-------	-------	-------	-----

Infant Deaths under 1 year :

Legitimate	Males 9	Females 7	Total 16
Illegitimate	Males —	Females —	Total —

Infant Mortality Rates :

Total Infant Deaths per 1,000 total live births—23.19

Legitimate infant deaths per 1,000 legitimate live births—23.56

Illegitimate infant deaths per 1,000 illegitimate live births—Nil

Neo-Natal Mortality Rate (deaths under 4 weeks) :

Males 6	Females 6	Total 12
Rate per 1,000 total live births—17.39		

Early Neo-Natal Mortality (deaths under 1 week) :

Males 6	Females 6	Total 12
Rate per 1,000 total live births—17.39		

Perinatal Mortality (Still births and deaths of infants under 1 week) :

Males 12	Females 11	Total 23
Rate per 1,000 total live and still births—32.65		
Rate per 1,000 total live and still births—England and Wales—26.9		

Maternal Mortality (including abortion) :

Number of deaths .....	.....	.....	.....	Nil
Rate per 1,000 total live and still births				Nil

Rate per 1,000 of Estimated Population :

	Crude Rate	Ad-justed Rate	Rate for England and Wales
Live Births	17.05	17.57	18.0
Deaths	11.81	14.29	11.5
Rate of Still Births per 1,000 Live and Still Births	15.69	—	15.7
Infant Mortality Rate per 1,000 Live Births	23.19	—	19.0
Neo-Natal Mortality Rate per 1,000 Live Births	17.39	—	13.0
Maternal Mortality Rate	—	—	.25

Year 1965	Maternal Mortality Rate per 1,000 total births	Infant Mortality Rate per 1,000 live births	Still Birth Rate per 1,000 births	Neo-natal Mortality Rate per 1,000 related live births	Illegitimacy Rate per 1,000 total live births
Llanelli Rural	—	23.19	15.69	17.39	37.68
England and Wales .....	.25	19.0	15.7	13.0	77.0

Live Births :

690 live births were registered. The adjusted birth rate was 17.57 as compared with 15.94 in 1964.

The illegitimacy rate was 37.68 per 1,000 live births as compared with 77.0 for England and Wales.

Still Births :

11 still births were registered in 1965, giving a rate of 15.69 as compared with 20.41 for 1964.

There was one illegitimate still birth in 1965.

Net deaths from stated causes at various ages under 1 year of age :

Cause of Death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Pneumonia	1	—	—	—	1	1	1	1	—	3
Prematurity	9	—	—	—	9	—	—	—	—	9
Cerebral Haemorrhage	2	—	—	—	2	—	—	—	—	2
Intra Uterine Asphyxia	1	—	—	—	1	—	—	—	—	1
Meningo Myelocoele	—	—	—	—	—	—	—	1	—	1
	12	—	—	—	12	1	1	2	—	16

Within the Rural District 121 births took place at home. This represents approximately 17.26 per cent. of the total births.

Illegitimate Still Birth :

Per cent. of total Still Births—9.09.

Infant Deaths according to age and place of death :

Age of Infant	Place of Death		
	In Hospital	At Home	Total
Under 1 week	12	—	12
1—2 weeks	—	—	—
2—3 weeks	—	—	—
3—4 weeks	—	—	—
Over 4 weeks	—	4	4
	12	4	16

INFANT MORTALITY RATES FOR THE LAST TEN YEARS

Year	Infant Mortality		Neo-Natal Mortality	
	R.D.	England and Wales	R.D.	England and Wales
1956	45.64	23.8	30.96	16.9
1957	33.73	23.1	18.55	16.5
1958	43.38	22.5	33.44	16.2
1959	31.51	22.0	22.88	15.8
1960	17.11	21.7	15.55	15.6
1961	23.76	21.4	11.61	15.5
1962	24.48	21.4	13.99	15.1
1963	23.04	20.9	12.29	14.2
1964	33.65	20.0	28.84	13.8
1965	23.19	19.0	17.39	13.0

Year	Total No. of Births	(A) No. of Still Births	(B) No. of Infant Deaths under 1 year	(C) No. of Neo- natal Deaths	Deaths of Infants over 1 month and under 12 months	A + B	A + C
1956	554	20	25	17	8	45	37
1957	616	23	20	11	9	43	34
1958	610	12	26	20	6	38	32
1959	616	13	19	15	4	32	28
1960	656	13	11	10	1	24	23
1961	603	11	14	7	7	25	18
1962	572	12	14	8	6	26	20
1963	651	19	15	8	7	34	27
1964	637	13	21	18	3	34	31
1965	701	11	16	12	4	27	23

The number of births for the year was greater than for recent years, and there is a welcome drop in the infant mortality rate from that of 1964. The rate is still, however, greater than that of the national average, the main reason for which appears to be due to premature births.

CAUSES OF DEATH IN THE LLANELLI RURAL AREA
IN 1965
REGISTRAR GENERAL'S STATISTICS

		All Ages		
Causes of Death		M.	F.	Total
2	Tuberculosis, Other	2	—	2
8	Measles	—	1	1
10	Malignant Neoplasm, Stomach	4	5	9
11	Malignant Neoplasm, Lung Bronchus	10	1	11
12	Malignant Neoplasm, Breast	—	4	4
13	Malignant Neoplasm, Uterus	—	3	3
14	Other Malignant and Lymphatic Neoplasms	13	29	42
15	Leukaemia, Aleukaemia	1	2	3
16	Diabetes	1	9	10
17	Vascular Lesions of Nervous System	34	31	65
18	Coronary Disease, Angina	75	44	119
19	Hypertension with Heart Disease	8	5	13
20	Other Heart Disease	19	25	44
21	Other Circulatory Disease	12	18	30
22	Influenza	—	1	1
23	Pneumonia	7	4	11
24	Bronchitis	12	3	15
25	Other Diseases of Respiratory System	20	3	23
26	Ulcer of Stomach and Duodenum	3	2	5
27	Gastritis, Enteritis and Diarrhoea	1	2	3
28	Nephritis and Nephrosis	—	1	1
29	Hyperplasia of Prostate	1	—	1
31	Congenital Malformations	1	—	1
32	Other Defined and Ill-defined Diseases	18	19	37
33	Motor Vehicle Accidents	8	2	10
34	All other Accidents	7	6	13
35	Suicide	1	—	1
		258	220	478

Included in the above are:—

Death from Pneumoconiosis	... 11
Deaths contributed to by Pneumoconiosis	... 5
Deaths from Silicosis	... 2
Deaths contributed to by Silicosis	... 1

CAUSES OF DEATH FOR THE PAST 10 YEARS

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Malignant Neoplasms	73	60	65	75	82	76	80	79	81	72
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Mem- braneous Croup)	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	1	—	—	—	1	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	1
Whooping Cough	1	—	—	—	—	—	—	—	—	—
Diarrhoea and Dysentery	1	2	2	2	1	2	3	3	1	3
Rheumatic Fever	—	—	—	—	—	—	—	—	—	—
Pthisis	5	3	4	4	2	1	1	3	5	2
Respiratory Diseases, ex- cluding Cancer and Tuberculosis	66	56	60	70	56	72	68	73	85	50
Cardiovascular Disease	207	208	215	220	273	239	275	253	237	271
Injuries	14	23	21	18	23	15	15	26	12	23
All other causes	80	99	78	64	66	52	52	59	47	56
	448	451	445	453	504	457	494	496	468	478

The main causes of death in the Rural District during 1964 and 1965 were as follows:—

		1964		1965
1 Cardiovascular conditions	237	50.64%	271	56.69%
2 Neoplasms of various kinds	81	17.31%	72	15.06%
3 Cancer of the Lung	16	3.42%	11	2.30%
4 Respiratory disease (excluding Tuberculosis and Cancer)	85	18.16%	50	10.46%
5 Accidents	12	2.56%	23	4.81%

6 deaths were attributed to accidents in the home.

Population Statistics :

1931 Census ...	...	...	37,266
1951 Census ...	...	...	37,054
1961 Census ...	...	...	40,301

Cancer deaths per 1,000 of the population were slightly lower than the national average.

In the Llanelli R.D.C. Area:—

35 (48.61 per cent.) of these deaths were due to cancers of the organs of the digestive system.

11 (15.26 per cent.) were due to cancers of the lung and bronchus.

4 (5.55 per cent.) were due to cancers of the breast.

3 (4.16 per cent.) were due to cancers of the genito-urinary systems.

Immunisation :

The ever increasing success in the prevention of such diseases as diphtheria, smallpox, whooping cough, combined with the rapid and frequent movements of the population inevitably increases the possibility of epidemics of these diseases, unless the level of immunity, in the population, against them is kept at a high level. The need for immunisation is, therefore, greater now than at any time, and I would urge all parents to remember this fact.

(A) Diphtheria :

Year	Ages in Years		Boosters	Total	No. of Immunisations in ages 0—5 years percentage of total live births
	0—5	5—15			
1955	324	74	653	1051	57.04
1956	418	115	633	1166	78.28
1957	262	17	5	284	44.18
1958	361	2	8	371	60.35
1959	354	4	13	371	58.70
1960	178	9	61	248	27.68
1961	537	175	1056	1768	89.05
1962	344	15	28	387	60.14
1963	378	2	17	397	58.06
1964	491	8	113	612	78.68
1965	423	5	111	539	61.30

(B) Whooping Cough and Vaccination :

Number who received vaccination during 1965:—

Ages 0—5 years	...	...	422
Ages 5—14 years	...	...	4
Total	...	...	426

(C) Tetanus Vaccination :

Number who received vaccination in 1965:—

Ages 0—5 years	...	...	27
Ages 5—14 years	...	...	3
Total	...	...	30

(D) Smallpox Vaccination :

The following are the figures for the whole County of Carmarthenshire:—

	Number Vaccinated.	Number Re-Vaccinated.
Children under 1 year ...	162	—
Children of 1 year ...	554	—
2—4 years ...	142	23
5—14 years ...	7	46
15 or over ...	18	253

(E) B.C.G. Vaccination (Whole County) :

	Contact Scheme.	School Children.
Number skin tested ...	239	1127
Number found negative ...	149	925
Number vaccinated ...	137	925

(F) Poliomyelitis Vaccination (Whole County) :

	Received 3 doses of Oral Vaccine.
Children born 1965 ...	161
Children born 1964 ...	1006
Children born 1963 ...	234
Children born in 1962 ...	137
Children born years 1958-61 ...	325
Others under 16 years ...	97
Number of persons given a reinforcing dose of oral Vaccine after :	
3 Salk doses or 3 Oral doses or	
2 Salk doses plus 2 Oral doses ...	44

(G) Scarlet Fever :

8 cases were reported during the year, similar to the number reported in 1964. The disease continues to be mild.

(H) Whooping Cough :

16 cases were notified during the year.

Measles :

There were 192 cases of measles reported during the year as compared with 236 in 1964. The disease was mainly mild and as far as can be ascertained there were no serious complications.

Dysentery :

All notified cases of Dysentery were investigated and faecal samples taken to the Public Health Laboratory.

No. of specimens submitted for examination	...	125
No. showing positive culture-Shigella Sonnei	...	6
No. showing positive culture-Typhoid	...	1

Although the number of positive specimens of Shigella Sonnei are small it became evident that illness due to this organism was scattered and widespread in the area during the first half of the year.

The positive typhoid specimen was isolated from a woman who was known to have been a carrier for many years. All other members of the family in close contact were found to be free from infection of Salmonella typhi-murium.

Mortuaries

There are no public mortuaries in our area, but by agreement with Llanelli Borough Council their mortuary is available when necessary.

INFECTIOUS AND OTHER NOTIFIABLE DISEASES DURING 1965

	Scarlet Fever		Whooping Cough		Measles		Dysentery		Meningococcal Infection	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Numbers originally notified	3	5	7	9	98	94	10	10	1	—
Final numbers after correction :—										
Under 1 year	—	—	1	—	3	3	1	—	—	—
1 year	—	—	—	1	6	9	—	—	—	—
2 years	—	—	3	—	8	7	—	1	—	—
3 years	—	—	1	—	6	14	—	—	—	—
4 years	—	—	2	—	20	25	—	1	—	—
5—9 years	3	4	—	3	43	30	1	2	1	—
10—14 years	—	1	—	1	5	2	—	—	—	—
15—24 years	—	—	—	—	2	1	1	—	—	—
25 and over	—	—	—	—	—	1	7	6	—	—
Age Unknown	—	—	—	—	5	2	—	—	—	—
Total (all ages)	3	5	7	9	98	94	10	10	1	—

	Pneumonia	
	M.	F.
Numbers originally notified	9	4
Final numbers after correction :—		
Under 5 years	1	—
5—14 years	—	—
15—44 years	1	2
45—64 years	3	—
65 and over	3	1
Age Unknown	1	1
Total (all ages)	9	4

OPHTHALMIA NEONATORUM, 1965

Ophthalmia Neonatorum	Cases			Vision Un- Impaired	Vision Impaired	Total Blind- ness	Deaths
	Notified	Treated					
		At Home	In Hospital				
	—	—	—	—	—	—	—

TUBERCULOSIS

Table showing notifications and number of deaths from Tuberculosis over past 50 years:—

	New Cases				Deaths			
	No. of new cases Notified		Rate per 1,000 population		Number of deaths		Rate per 1,000 population	
	Res- piratory	Non- Res- piratory	Res- piratory	Non- Res- piratory	Res- piratory	Non- Res- piratory	Res- piratory	Non- Res- piratory
1913	40	16	1.3	.5	20	16	.6	.5
1923	70	32	1.8	.9	31	16	.9	.45
1933	39	12	1.0	.3	29	7	.8	.2
1934	68	14	1.8	.4	21	6	.6	.2
1935	59	17	1.6	.5	36	6	.9	.2
1936	52	13	1.4	.4	36	7	.9	.2
1937	59	10	1.6	.3	25	8	.7	.3
1938	35	13	.9	.4	21	3	.6	.09
1951	42	15	1.2	.4	15	1	.4	.03
1952	51	12	1.3	.3	6	2	.15	.05
1953	32	20	.8	.5	7	2	.2	.05
1954	41	11	1.1	.3	7	—	.18	—
1955	29	16	.74	.4	11	1	.28	—
1956	43	5	1.09	.13	5	—	.13	—
1957	28	5	.72	.13	3	1	.08	.03
1958	19	8	.48	.20	3	—	.08	—
1959	18	6	.46	.15	4	1	.10	.03
1960	21	2	.53	.05	2	—	.05	—
1961	17	6	.42	.14	3	—	.07	—
1962	14	2	.35	.05	1	1	.02	.02
1963	10	6	.26	.14	3	—	.07	—
1964	17	3	.42	.07	4	1	.10	.02
1965	10	3	.25	.07	—	2	—	.05

Notification of new cases of tuberculosis and of Tuberculous deaths were lower than those for the previous two years.

The treatment of Tuberculosis patients is undertaken by the Regional Hospital Boards and the Chest Physicians.

Enquiries regarding the domiciliary care of Tuberculous patients should be addressed to the County Medical Officer of Health at Carmarthen.

The County Council will assist in the domiciliary care of Tuberculous and other patients, by the provision on loan or otherwise of beds, bedding, sickroom equipment and home help assistance. In addition, sleeping out shelters are available for certain tuberculous patients.

Assistance is granted in necessitous cases towards the cost of the travelling expenses of relatives visiting long stay patients in hospitals and sanatoria. In practice it has been found that the great majority of applications for assistance have been relatives of tuberculous patients.

Assistance is granted for visits to hospitals and sanatoria, which are not less than 40 miles from the residence of the applicant, and is subject to the following conditions:—

- (a) That there is urgent reason for the visit because of the patient's serious condition, or that the visit would in medical opinion do the patient good and aid response to treatment.
- (b) That because of the length of the journey, the relatives concerned are unable to afford it from their own resources without substantial hardship.
- (c) That subject to (a) above, assistance is restricted to one relative every month or two relatives every two months, unless a senior member of the Medical Staff of the Hospital certifies that more frequent visits are essential on account of the patient's serious condition.

Mass Radiography :

Mass Radiography services are available daily at the New Hospital in Singleton Park, Swansea, and at Llanelli Odeon Cinema ground on Mondays, except during Bank Holidays.

Arrangements are also likely to be made for periodic visits to works and other sites in the area as soon as the facilities available permit this to be done.

Details of examinations carried out by Unit "J" in Llanelli area during 1965 :

TABLE I

Circuit Location.	Number Examined.	Number of Visits.	Average Attendance per visit.
Llanelli ...	3757	42	89
Referred to Chest Physician as requiring further investigation	75	—	—
Other abnormalities of the chest diagnosed by the unit ...	539	—	—

TABLE 2

Special Survey.	Number Examined.	Referred to Chest Physician.	Other Chest Abnor- malities.
No special surveys were carried out in factories during the year.			

TABLE 3

**Analysis showing Type of Examinee
Regular Visits**

General Population Volunteers	...	...	3527
General Practitioner referrals	...	...	229
Factory Groups (Non Industrial)	—
Contacts	1

Special Survey :

Factory Groups—Industrial	Nil
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CHILD WELFARE CLINICS :

Place	Where Held	When Held	Times
Felinfoel	The Aelwyd, Penygaer	Thursdays (fortnightly)	2-4 p.m.
Furnace	Saron Vestry	Wednesdays	2.30-4.30 p.m.
Llangennech	Salem Vestry	Tuesdays	2-4.30 p.m.
Llwynhendy	New Clinic, Llwynhendy Road	Wednesdays	2-4 p.m.
Pontyates	Welfare Hall	Wednesdays	2-4 p.m.
Pontyberem	Public Hall	Wednesdays	2.30-5 p.m.
Pwll	Salem Vestry	Wednesdays	2.30-4 p.m.
Trimsaran	Workmen's Institute	Tuesdays	2-4 p.m.
Tumble	Welfare Pavilion	Tuesdays	2.30-4.30 p.m.

ANTE-NATAL CLINICS

Llangennech	Salem Vestry	Wednesday (weekly)	9.30-12 noon
Pontyates	Welfare Hall	Wednesday (weekly)	9.30-12 noon
Cross Hands	Public Hall	Thursday (weekly)	10-12 noon
Llanelli	Clinic, Goring Road	Tuesday (weekly)	9.30-12 noon
Ammanford	Clinic, Ammanford	Thursday (weekly)	9.30-12 noon and 2-4 p.m.

CHEST CLINIC

Llanelli	Bay View, Capel Road	Daily	9.30-12 noon 2-4 p.m.
		Saturday	9-12 noon

V.D. CLINICS**West Wales General Hospital, Glangwili :**

Males	.....	First Friday of month	.....	2 p.m.—3.30 p.m.
		Third Friday of month	.....	4 p.m.—6 p.m.
Females	.....	First Friday of month	.....	4 p.m.—6 p.m.
		Third Friday of month	.....	2 p.m.—3.30 p.m.

Mount Pleasant Hospital, Swansea :

Males	.....	Monday	.....	9 a.m.—12 noon
		Tuesday	.....	2 p.m.—4 p.m.
		Wednesday	.....	5 p.m.—7 p.m.
Females	.....	Tuesday	.....	9 a.m.—12 noon
		Thursday	.....	3 p.m.—5 p.m.

Bryntirion Hospital, Llanelli :

Males	.....	Tuesday	.....	5 p.m.—7 p.m.
Females	.....	Tuesday	.....	2.30 p.m.—4.30 p.m.

HOSPITALS

The West Wales Isolation Hospital for the treatment of Infectious diseases and certain number of cases of Tuberculosis is situated within the area at Tumble.

Local Hospitals :

There are four local hospitals:—

- (1) Llanelli General Hospital (160 beds).
- (2) Bryntirion Hospital for chronic sick and aged (156 beds).
- (3) Glasfryn Maternity Hospital (12 beds) and General Practitioner operated.
- (4) Cilymaenllwyd Hospital (43 beds).

Cilymaenllwyd has been used as a pre-convalescent hospital. It has proved of immense value and as a result the surgical waiting list at the General Hospital has been very considerably reduced.

Home Help Service :

The Home Help Service is organised by the Carmarthenshire County Council.

Home Helps are provided during the laying-in period of maternity cases where the patient has no relative available to undertake the domestic duties of the home, and also in certain cases of sickness and need. For those on National Assistance, limited domestic help can be arranged, when needed, through the National Assistance Board.

Mental Health Service :

		Areas for which they are responsible
Mr. Dewi David	.....	Llanelli Borough
		Llanelli Rural District (Pembrey Parish)
		Burry Port Urban and Kidwelly Borough
Mr. Esmor Evans	.....	Llanelli Rural District with the exception of Pembrey Parish
Mr. G. Jones	.....	Ammanford Urban and eastern side of Llandeilo Rural
		Acts as relief for the above as necessary

Mentally Sub-Normal :

The Carmarthenshire County Council are responsible for the ascertainment, supervision and general welfare of the mentally sub-normal.

Training centres are operating in Llanelli—one for junior and females, the other for older boys and men. The construction of a new Junior Training Centre and a residential hostel during 1965 will facilitate the expansion of this much appreciated and worthy service.

Blood Transfusion Service :

There is a small Blood Bank at the Llanelli General Hospital, and the service of a Pathologist with three trained Technicians is available.

Blood Grouping and Cross Matching are part of the normal laboratory routine and 24 hour service is maintained for emergencies .

A. Donations equivalent to Blood and Plasma used in 1965 :

(i) By Hospitals of Glantawe area	...	...	7673
(ii) By Whole Welsh Region	...	...	46827

B. Donations received 1965 :

(i) In area covered by Glantawe Hospitals Group	...	...	6091
(ii) In Whole Welsh Region	...	...	51726

C. Donations received as percentage of Blood and Plasma used :

(i) In Llanelli Area	...	...	108.5
(ii) In Glantawe Area Group	...	...	79.4
(iii) In Welsh Region as whole	...	...	110.6

Donations received in Llanelli area were made up as follows:—

Llanelli	...	...	372
Tumble	...	...	80
Carmarthen Bay Power Station	...	...	122
Morris Motors	...	...	206
Steel Co. of Wales—Trostre	...	...	149
Fisher and Ludlow	...	...	236
R.N.S. Depot, Llangennech	...	...	114
Bowden's, Bynema	...	...	56

National Society for the Prevention of Cruelty to Children :

Close collaboration is maintained with the Local Inspector of the above Society, and mutual action to mitigate distress is taken in many instances.

The Local Inspector (Chief Inspector D. R. Lewis) resides at 64, Felinfoel Road, Llanelli ('Phone 2041).

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

(a) An arrangement is in operation for the bacteriological examination of pathological specimens, milk samples and ice-cream samples at the Public Health Laboratories at Carmarthen and Swansea.

(b) Water Analysis—This work is carried out by the County Analyst's Laboratory, Carmarthen, and by the Public Health Laboratories at Carmarthen and Swansea.

SANITARY CIRCUMSTANCES OF THE AREA WATER SUPPLY

In 1962 the Llanelli and District Water Board was formed and the administration of the Council's water undertaking was transferred to this Board.

Water Sources of the Area :

- (1) **Llynfan**—The Source is a natural reservoir in an isolated mountainous area. The water is subjected to a rapid coarse sand filtration and chlorination. The gathering grounds form part of the National Parks and are accessible to the general public. The storage reservoir at Llannon is uncovered. In spite of the high degree of purity of the water in the reservoirs, I consider that the risk of contaminated water being passed into the distribution system, though small, is real. I am informed that the Water Board is now considering action that may be taken to eliminate this risk.
- (2) **Swiss Valley reservoirs**—Satisfactory filtration and chlorination is carried out on this supply. Storage of treated water is in covered reservoirs.

Quantity :

The quantity of water available from the Swiss Valley reservoir sites has been sufficient to meet the needs of the areas served by this source at all times. In Areas served from the Llannon reservoir, restrictions on the use of water for gardens and car washing have to be imposed during periods of drought. The supply available from this source is limited.

In past years the average consumption of water per annum in the area was 656,208,000 gallons and that for Trades and Bulk supplies was 269,620,700 gallons. The average consumption for domestic purposes was 286,587,300 gallons per annum.

The number of houses supplied with water from the public mains for the whole of the Board's area (Llanelli Rural; Llanelli Borough; Burry Port Urban; Kidwelly) was approximately 25,000.

The following information is submitted by the Engineer to the Llanelli and District Water Board:—

Average daily consumption in the Board's Area :

Domestic ... 5.154 m.g. per day.

Trade ... 3.876 m.g. per day.

Total number of houses in the Board's area supplied with water ... 24,770 approximately

The estimated population supplied—78,410.

	Cwm Lliedi Reservoir.	Forge Intake, Gwendraeth Fach.	Llyn-y-fan Nantgoch.
Total rainfall in inches during 1965 ...	54.82	48.30	81.40
Number of days on which rain fell ...	200	201	204
Maximum day fall in inches and date ...	1.88 17.12.65.	1.49 16.12.65.	2.20 22.12.65.

WATER SUPPLY SCHEMES

EXTENSIONS

A. Completed during 1965 :

Tyisha Road Housing Site, Tumble.

Carmarthen Road Site, Cross Hands.

Trilwm Site, Trimsaran.

Penygaer Site, Felinfoel.

Tegfynydd Site, Llethri Road, Felinfoel.

B. Under construction during 1965 :

Swiss Valley Park—Phase II.

C.1. Approval granted during 1965 :

Brondini, Five Roads.

Sylen House, Five Roads.

C.2. Awaiting Ministry approval as at 31st December, 1965 :

Mynydd-y-Garreg.

D. Under consideration as at 31st December, 1965 :

Felindref Scheme to supply Kidwelly and the Pembrey

Airfield Site

Blaen-Gwili Bridge, Cross Hands.

WATER SAMPLING—PUBLIC SUPPLY

A total of 41 samples were taken by the Health Department during the year, of which 4 proved unsatisfactory. All unsatisfactory samples are referred to the Engineer of the Llanelli and District Water Board and are also re-taken by this Department until satisfactory:—

Total Number	...	...	41
No. Satisfactory	...	...	37
No. Unsatisfactory	...	...	4

The result of a sample given below is typical of those taken by the Water Board during 1965:—

Domestic Supply :

					L.7
pH Value	.....	.....	.....	.....	7.26
Colour (Hazen Units)	.....	.....	.....	.....	5
					Parts per million
Free and Saline Ammonia	.....	.....	.....	.....	0.020
Albuminoid Ammonia	.....	.....	.....	.....	0.020
Nitrites	.....	.....	.....	.....	Nil
Nitrates	.....	.....	.....	.....	Nil
Oxygen consumed at 27°C. from N/80 permanganate during 4 hours	.....	.....	.....	.....	0.67
Chlorides at Cl	.....	.....	.....	.....	10
Calculated as Common Salt	.....	.....	.....	.....	16.5
Total Solids in Solution	.....	.....	.....	.....	55

Additional Features :

Lime as CaO	.....	.....	.....	.....	15
Total Alkalinity as CaCO ₃	.....	.....	.....	.....	30
Total Hardness as CaCO ₃	.....	.....	.....	.....	25
Appearance	.....	.....	.....	.....	Prac. Clear

Bacteriological Examination :

No. of organisms per c.c. developed on Agar during 48 hours at 37°C.	.....	.....	.....	.....	12
No. of organisms per c.c. developed on Agar during 48 hours at 22°C.	.....	.....	.....	.....	22
Coliform organisms per 100 ccs.	.....	.....	.....	.....	Nil
Faecal Coli per 100 ccs.	.....	.....	.....	.....	Nil

OBSERVATIONS

This was of high organic purity. It was practically free from ammonium compounds.

The water was of good bacteriological quality.

The following results were obtained from samples taken at various points in the supply:—

- L.1—Sample of water before filtration at Llynnyfan.
 L.2—Sample after filtration at Llynnyfan.
 L.3—Sample from Llannon Reservoir.
 L.4—Sample from domestic tap at Penlan, Llannon.
 L.5—Sample from domestic tap at the Bungalow, Llynnyfan.

	L 1	L 2	L 3	L 4	L 5
No. of organisms per c.c. developed on Agar during 48 hours at 37° C.	4	7	4	2	25
No. of organisms per c.c. developed on Agar during 48 hours at 22° C.	220	90	8	20	150
Coliform organisms per 100 c.c's.	.....	18+	16	Nil	Nil
Faecal Coli per 100 c.c's.	18+	16	Nil	Nil	16

OBSERVATIONS

The water at Llannon Reservoir was satisfactory as all coliform organisms present in Llynnyfan both before and after filtration had been eliminated. The problem of eliminating any possible contamination of this water remains.

Private Supplies

No. of Samples taken	...	12
No. Satisfactory	...	3
No. Unsatisfactory	...	9

These samples were taken from springs and wells which were subject to contamination by surface water. Where the test proved unsatisfactory advice was given with a view to eliminating or lessening the possibility of contamination.

SEWAGE DISPOSAL

Most of the Council's area is adequately served by sewerage systems, approximately 90 per cent. of the houses being connected to the public sewers.

The position with regard to extensions is:—

1. Schemes completed during 1965 :

Pwll and Sandy—Phase II.

Tumble Extension.

Reconstruction of Pembrey Disposal Works.

Bryndu, Llannon.

Sludge Heating Treatment Plant at Pwll Disposal Works.

Sewer Extension, Parc-y-Phil, Llwynhendy.

Sewer Extension, Penrhiw, Furnace.

2. Schemes under construction during 1965 :

Trimsaran and Heol Ddu.

3. Schemes awaiting approval by Welsh Office during 1965 :

Llannon.

Cross Hands.

Capel Seion, Pontyberem.

Closet Accommodation :

No. of open midden privies	...	Nil
No. of covered midden privies	...	Nil
No. of pail closets	...	521
No. constructed during year	...	Nil
No. of water closets	...	13,098
No. contaminated during the year	...	47
Public Health Act, 1936, Section 172—No legal action taken.		

National Health Act, 1946—Section 47 :

Compulsory removal to hospital was necessary in the case of an elderly female living alone.

Clean Air Act, 1956 :

Prior approval was granted in two cases.

Llanelli Steel Company, Ltd. :

The position regarding smoke nuisances has improved although continued vigilance is necessary.

Nuisance from Cold Blast Cupola :

Further complaints were received from nearby residents of fume and dust emissions.

Discussions are proceeding with the Management with a view to their discontinuance after the completion of the experimental period.

Colliery Tips :

Complaints of smoke and sulphur fumes emanating from spoil-banks are received from time to time. Contact is being maintained with the National Coal Board with a view to mitigating the nuisance.

The elimination of nuisances caused by these tips, once on fire, takes a long time, and, even after measures taken to limit the portions of the tips on fire have been taken, it is seldom possible to abate the nuisance in under 3 years. The effects of these tips on the health and well being of the neighbourhood vary with the type of weather being experienced, and I would again urge that the need for improved planning and treatment of these spoil-banks is still great. Neglect of this can only lead to increased suffering.

A large new spoil-bank is under construction at Cynheidre and requests have been made to the Colliery Management to exercise care in operating the tip and avoid the danger of fire.

Housing :

The average number of persons per dwelling within the area was 3.09.

The distribution of Council Houses is as follows:—

Parish	Built under		Post War Programme			Total	% of Total dwellings in area
	Housing Act, 1919	Housing Acts, 1930-38	Houses	Prefabri- cated Bunga- lows	Flats		
*Llanelli Rural	54	212	1266	26	26	1584	25.9
Llannon	44	49	492	5	—	590	35.6
Llanedy	36	23	266	10	—	335	24.6
Pembrey	19	29	518	11	12	589	29.9
*Llangennech	—	56	328	—	—	384	37.4
Pontyberem	40	58	265	—	12	375	37.8
Totals	193	427	3135	52	50	3857	29.3

*Two houses were erected in each of these parishes in 1944 for occupation by agricultural workers.

A further 23 Prefabricated Bungalows were demolished during the year, bringing the total demolished to 48.

OCCUPIED DWELLING HOUSES IN LLANELLI RURAL DISTRICT AT 31st DECEMBER, 1965

Parish	Houses and Flats	Shops with Private Dwelling Accom- modation	Agri- cultural Dwelling Houses	Public Houses	TOTAL
Llanelli Rural	5835	94	152	27	6108
Llannon	1493	55	103	6	1657
Pembrey	1834	32	89	17	1972
Llangennech	960	22	27	8	1017
Llanedy " A "	739	18	27	9	793
Llanedy " B "	528	12	28	2	570
Pontyberem	935	17	37	4	993
Total	12324	250	463	73	13110

INSPECTION AND SUPERVISION OF FOOD

Registrations

The numbers of premises registered in accordance with Section 16 of the Food and Drugs Act, 1955, in the Llanelli Rural District are as follows:—

Butchers Shops	...	...	...	17
Fish and Chip Shops	...	...	...	15
Ice-cream Manufacturers	...	...	...	2
Ice-cream dealers in pre-packed ice-cream	...	...	...	108

Ice-cream Regulations

Samples of ice-cream were taken from registered manufacturers and dealers during the year and duly submitted for bacteriological examination and were placed in the following provisional grades:—

Grade 1	...	...	39
Grade 2	...	...	13
Grade 3	...	...	—
Grade 4	...	...	1

FOOD HYGIENE (GENERAL) REGULATIONS, 1960

Continued attention is being paid to Food premises and one bakehouse was closed as the owner and occupier were unable to bring the premises to the required standard.

Food shops also received special attention and some improvement was achieved.

The Department also co-operates with the Weights and Measures Department of the Carmarthenshire County Council in enforcement of the relevant section of the Food and Drugs Act.

	No. of Premises	No. comply- ing with Regulation 16	No. to which Regulation 19 applies	No. comply- ing with Regulation 19
Food Shops	175	136	92	89
Butchers' Shops	17	8	17	15
Fish and Chip Shops	15	6	15	12
Cafes	7	7	7	7
Factory and School Canteens	50	41	50	47
Licensed Premises and Clubs	81	56	81	77
Bakeries	6	—	6	6
Hospitals	2	2	2	2
Ice-Cream Manu- facturers	2	2	2	2
	355	258	272	257

MILK AND DAIRIES (GENERAL) REGULATIONS 1959

No. of persons registered as Distributors ... 38

Milk Sampling :

No. of samples taken during 1965 ... 76
 No. satisfactory ... 74
 No. unsatisfactory ... 2

All samples of non-pasteurised milk distributed are subjected to routine Brucella Abortus tests.

Milk Supplies—Brucella Abortus :

No. of samples of raw milk examined ... 6
 No. of positive samples found (Brucella Ring Test) ... 3
 No. of positive samples found (Guinea pig Test) ... Nil

Action taken in respect of positive samples :

Case 1—Repeated Guinea pig and Ring Tests were carried out with milk from this herd with negative results. No further action was deemed necessary.

Case No. 2—A positive ring test was obtained from a sample of unpasteurised milk sold by this retailer. This milk was obtained from 1 cow only. This cow had a doubtful history, and although the first guinea pig test on the milk was negative, the farmer sold the cow for slaughtering and discontinued the sale of raw milk.

Case No. 3—Further Ring and guinea pig tests of the milk from the herd of 23 cattle proved negative. No further action was taken.

THE LIQUID EGG (PASTEURIZATION) REGULATIONS, 1963

There are no premises situated within our Area.

LICENSED SLAUGHTERHOUSES IN RURAL DISTRICT

District	Premises	Licensee
Pontyberem	Vale View, Pontyberem	Mr. W. D. Jones
Tycroes	Rhuddlan, Tycroes	Mr. I. G. Ebsworth
Hendy and Llangennech	Talyclun, Llangennech	Mr. D. Evans
Pembrey and Pwll	Cwm, Pembrey	Mr. Hugh Thomas

The problem of providing adequate inspection in the slaughterhouses has remained as slaughtering takes place on seven days of the week as well as outside the normal working-day hours. Though the Public Health Inspectors have been able to cope with the task, legal control over the hours of slaughtering would facilitate matters. Any extension of slaughtering within the Area would provide problems which would be difficult to solve.

Partial control of eight refuse tips with the aid of mechanical appliances has proved effective in practically eliminating complaints of nuisances. Difficulty is experienced in getting suitable covering material.

Though there is a slight improvement in the types of receptacles used by the householders, the practice of using unhygienic and unsuitable receptacles is still prevalent and proving a major difficulty in ensuring a hygienic, efficient, and economical refuse collection service.

There is now every prospect that with the relaxation of financial restrictions the Council will be able to provide suitable refuse bins.

During the year consideration was given by the Department to the advisability of only providing a once weekly collection. A detailed report to Council is pending.

The increase in the number of houses and population has resulted in a steadily increased quantity of refuse to be collected.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF THE YEAR 1965 FOR THE RURAL DISTRICT OF LLANELLI IN THE COUNTY OF CARMARTHEN

FACTORIES ACT, 1961

I.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	84	159	7	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	12 (Building 4 (Slauter	15 Operations) 25 house)	—	—
Total	100	199	7	—

2.—Cases in which DEFECTS were found. (If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "Cases").

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7) :					
(a) Insufficient	4	2	—	3	—
(b) Unsuitable or defective	8	3	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	—	—	—	—	—
Total	12	5	—	3	—

REPORT OF Mr. A. V. ROWLANDS CHIEF PUBLIC HEALTH INSPECTOR

Refuse Collection and Disposal :

The Department controls the collection and disposal of refuse.

Refuse is collected twice weekly in most areas with a weekly or fortnightly collection in the remoter rural areas.

Because of the increased number of factories in our area further demands have been made on the service. Additional canteens have to be provided for, and trade refuse has tended to increase. A further problem is created by the need to provide additional tipping space within reasonable distance of the factories.

SANITARY INSPECTION OF THE AREA

Total number of inspections made in 1965	...	...	5080
Number of informal notices served	...	...	71
*Number complied with wholly	...	...	64
*Number complied with partially	...	...	14
		—	78
Number of statutory notices served	...	...	Nil
*Number complied with wholly	...	...	Nil
*Number complied with partially	...	...	Nil

(*Inclusive of notices served in previous years).

Eradication of Bed Bugs and other Vermin :

Houses inspected have generally been free from vermin.

Eradication of Ants and Flies :

Sixteen houses were found to be infested with ants or flies, and necessitated an average of two treatments per house. The main difficulties experienced were again due to infestations by cluster flies.

Schools :

School Kitchens and Canteens are inspected and reports on defects are made to the Schools Medical Officer with requests to remedy any defects discovered.

Rag Flock and other Filling Materials Act, 1951 :

No premises exist in the district.

Disinfection :

The four authorities in the Llanelli division share a common disinfectant for this purpose. This arrangement is proving satisfactory.

Caravan Sites and Control of Development Act, 1960

Continued efforts were made to effect improvements in the standard of the Caravan Sites.

Further progress has been made by the Council in providing their own Caravan Site, and it is hoped that site-work will be commenced in the near future.

Work has also commenced in constructing a large Holiday Caravan Site in the Pembrey Area.

Difficulties are being experienced in the control and development of some sites. These difficulties are made worse by the presence of problem families who now seem to gravitate to these sites following eviction from council or other dwellings in or

around the area. Such families need concentrated attention from Welfare Authorities both to prevent such occurrences happening and to improve the conduct of those evicted to the point where they can be given another chance.

FACTORIES ACT, 1961

(Part VIII. of the Act)

Outworkers

(Sections 133 and 134)

There are no outworkers within Part VIII. of the Factories Act, 1961.

HOUSING

1. Inspections of Dwelling-Houses during the year:—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	344
(b) Number of inspections for the purpose	...	...	630
(2) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	69

2. Remedy of defects during the year without service of formal Notices :

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority of their Officers:—

(a) Completed	...	...	62
(b) Partially Completed	...	...	14
			— 76

3. Action under Statutory Powers during the year:—

(a) Proceedings under Section 9 and 10 of the Housing Act, 1957:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	...	...	...	Nil
(2) Number of dwelling-houses which were repaired after service of formal notices :				
(a) By Owners	...	...	...	Nil
(b) By Local Authority in default of Owners	...	...	...	Nil Nil

(b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	...	...	Nil
(2) Number of dwelling-houses in which defects were remedied after service of formal notices.				
(a) By Owners :				
Completed	...	...	...	—
Partially Completed	...	...	...	—
(b) By Local Authority in default of Owners				Nil

(c) Proceedings under Section 16 and 17 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which Demolition Orders made	...	...	...	20
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	16
(3) Number of Closing Orders made under Section 17 of the Housing Act, 1957	...	...	...	13
(4) Number of Closing Orders determined	...	...	...	—
(5) Number of undertakings accepted under Section 16 to recondition dwelling-houses	...	...	...	3
(6) Number of houses in respect of which Cease User Undertakings were made	...	...	...	Nil
(7) Number of houses in respect of which Cease User Undertakings Operative and Rendered Fit	...	...	...	Nil

(d) Proceedings under Section 18 of the Housing Act, 1957 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	...	2
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit	...	...	...	Nil

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The main provisions came into force on 1st August, 1964. The number of premises registered under this Act to the end of the year were as follows:—

Offices	...	...	...	21
Retail Shops	...	...	...	48
Wholesale Shops, Warehouses	...	...	...	3
Catering Establishments and Canteens	...	...	...	6
Fuel Storage Depots	...	...	...	—
				—
Total	...	...	...	78
				—

Number of Inspections made subsequent to registration :

	1964.	1965.
Offices	16	5
Retail Shops	11	39
Wholesale Shops, Warehouses ...	1	3
Catering Establishments and Canteens ...	1	5
Fuel Storage Depots	—	—
	—	—
Total	29	52
	—	—

The total number of visits made by Inspectors to registered premises during 1965 were 281.

Due to illness and shortage of staff it was not found possible to carry out as many inspections as anticipated. But it is hoped that the position will improve in the near future.

Number of Contraventions discovered by inspection	100
Number of Notices served	23
Notices complied with	19
Notices partly complied with	1

The main items stipulated in the Notices were for the provision of thermometers, first-aid equipment, facilities for drying employees' clothes and lack of adequate heating facilities. Exemption from the necessity of providing closet accommodation at the premises were granted in two cases.

In accordance with Circular L.A.9 a survey of lighting in offices and shops is being carried out.

Common Lodging Houses :

There are no Common Lodging Houses in the area.

Factories Act, 1961 :

Number of Factories in the area:—

Factories	40
Bakeries	6
Repair Garages	38
Slaughterhouses	4
Building Sites	12
	— 100

Inspections carried out:—

Factories	...	...	...	159
Bakeries	...	...	...	51
Repair Garages	...	...	...	124
Slaughterhouses	...	...	...	25
Building Sites	...	...	...	15
				<hr/>
				374
				<hr/>

Twelve notices were served under Section 7 of the Factories Act, 1961.

Noise Abatement Act :

The number of complaints decreased slightly during the year.

Investigations of the causes of the complaints were made and advice given to managements to minimise noise nuisances.

SCRAP METAL DEALERS ACT, 1964

Since the implementation of this Act, which requires the registration of dealers in scrap metal, 29 persons have been registered by your authority.

There are no large scrap yards in the area and the persons registered collect scrap metal for sale to a merchant outside your administrative area.

Abandoned Vehicles

Because of the limited facilities available in the Department it was necessary to confine action to vehicles abandoned on Council House Sites.

The owners and occupiers of private land are advised to contact the police or local Scrap Metal dealers to remove vehicles abandoned on their land.

Housing Applicants

There were 499 applicants on the Council's waiting list on the 31st December, 1965. The cases are investigated by the Department and reports made to the House Letting Committee.

Housing Welfare

The Department continued to encourage and advise tenants to improve and maintain the standard of cleanliness in all Council Houses.

Housing Act, 1958-59

A total of 162 applications for grants towards improvement works were received during the year, the payment of grants being to the value of £30,804. These figures reveal a welcome increase over previous years.

MEAT IN SPECTION AT SLAUGHTERHOUSES DURING 1965

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	1730	360	57	13687	4865	—
Number Inspected	1730	360	57	13687	4865	—
1 All diseases except Tuberculosis and Cysticerci :						
(i) Whole carcasses condemned	—	2	—	25	3	—
(ii) Carcases of which some part or organ was condemned	402	168	1	647	111	—
(iii) Percentage of the number inspected affected with diseases other than T.B. and Cysticerci	23.24	47.22	1.75	4.91	2.35	—
2 Tuberculosis only :						
(i) Whole carcasses condemned	—	1	—	—	—	—
(ii) Carcases of which some part or organ was condemned	1	1	—	—	8	—
(iii) Percentage of the number inspected affected with T.B.	.06	.55	—	—	.16	—
3 Cysticerci :						
(i) Carcases of which some part or organ was condemned	6	1	—	10	—	—
(ii) Carcases submitted to treatment by refrigeration	—	—	—	—	—	—
(iii) Generalised and totally condemned	—	—	—	—	—	—

The total number of carcasses inspected for the past eight years are as follows :—

1958	32,280
1959	25,155
1960	27,890
1961	24,895
1962	22,511
1963	21,690
1964	22,067
1965	20,699

The Department is co-operating with the Ministry of Agriculture, Fisheries and Food in providing specimens for research into the incidence of Lymphosarcoma and other tumours in food animals.

SUMMARY OF FOOD STUFFS CONDEMNED YEAR ENDED 31st DECEMBER, 1965

	Weight			
	Tons	Cwts.	lbs.	ozs.
Meat at slaughterhouses	..... 4	15	99	0
Meat at retail shops	32	0
Cooked meat and meat products	29	0
Canned meats	1	20	0
Fish	54	0
Fruit and Vegetables	2	36	0
Other Foods	1	89	0

PREVENTION OF DAMAGE BY PESTS ACT, 1949 RODENT CONTROL

Rodent Control is carried out under the provisions of the above Act, one full-time operative being employed.

The number of surveys and treatments during the year were as follows:—

	Surveys.	Treatments.
Private Dwellings ...	... 1648	... 1504
Business Premises ...	... 52	... 48
Surface Properties ...	... 133	... 108
Farms ...	... 12	... —
	<hr/>	<hr/>
Totals ...	... 1845	1660
	<hr/>	<hr/>

The sewerage systems and sewage disposal works in the area were also tested in accordance with prescribed method laid down in the Act and were found to be generally free from any major infestations. The refuse tips were regularly treated for infestations by rodents.

Petroleum Regulations :

The department is responsible for enforcing these regulations and there are 69 licensed premises.

Visits are paid when new tanks are installed and pressure tests carried out under supervision. Revisits are necessary to ensure that the Regulations are complied with. The co-operation of the Fire Authority in enforcing these provisions has been greatly appreciated.

Notices were served on the owners or occupiers of 17 licensed premises and the majority were complied with immediately.

The main items stipulated in the notices were:—

1. Testing of tanks over 20 years old.
2. Checking of electrical equipment.
3. Display of notices.

Pet Animals Act, 1951 :

One licensed premises (at Maesydderwen, Llanedi Road, Pontardulais) is kept under supervision.

Animal Boarding Establishments Act, 1963 :

There is one premises licensed under the above Act:—

The Kennels, The Links, Pembrey.
and periodical visits are made.

Open Air Bathing Pool, Hendy :

Regular sampling of the water during the time of operation of the pool was undertaken.

The total number of samples taken were 20, of which 6 proved unsatisfactory.

The unsatisfactory samples were due to inadequate chlorination, but immediate steps were taken to remedy the position.

NUMBER OF INSPECTIONS CARRIED OUT DURING 1965

Public Health Act :

House Inspections ...	...	...	...	114
House Reinspections	...	...	...	184
Water Supply ...	...	...	...	26
House Drainage ...	...	...	...	261
Watercourses ...	...	...	...	151
Nuisances ...	...	...	...	175
Piggeries ...	...	...	...	23
Tents and Vans ...	...	...	...	78
Public Conveniences	...	...	...	127
Refuse Collection ...	...	...	...	53
Refuse Dumping ...	...	...	...	52
Refuse Tips ...	...	...	...	221
Infectious Diseases	...	...	...	50
Infectious Diseases Revisits	...	...	...	132
Disinfection ...	...	...	...	6
Disinfestation ...	...	...	...	37
Unclean Premises ...	...	...	...	290
Flooding ...	...	...	...	17
Bathing Pools ...	...	...	...	20

Housing Act :

House Inspections ...	...	...	...	85
House Reinspections	...	...	...	102
Improvement Grants	...	...	...	145

Food and Drugs Act : ...

Fish and Chip Shops	...	...	...	73
Licensed Premises ...	...	...	...	9
Meat Shops	...	...	...	365
Meat Vans	...	...	...	113
Fish Vans	...	...	...	5
Canteens	...	...	...	42
Cafes ...	...	...	...	35
Food Preparing Premises	...	...	...	8
Food Shops	...	...	...	175
Food Vans	...	...	...	24
Ice-cream Manufacturing Premises	...	...	...	12
Ice-cream Shops	...	...	...	39
Ice-cream Vans	...	...	...	3
Dairies ...	...	...	...	44
Milk Vans	...	...	...	3
Bakehouses	...	...	...	51
Slaughterhouses	...	...	...	25

Others :

Factories and Workshops	...	...	...	159
Building Sites	...	...	...	15
Housing Investigations	...	...	...	301
Welfare Investigations	...	...	...	136
Rodent Control	...	...	...	45
Clean Air Act	...	...	...	89
'Bus Shelters	...	...	...	69
Petroleum Regulations	...	...	...	124
Caravan Sites	...	...	...	108
Offices, Shops and Railway Premises Act	...	...	...	281
Scrap Metal Dealers	...	...	...	49
Noise Abatement Act	15
Animal Boarding Establishments	3
Pet Animals Act	1
Miscellaneous	310

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